10:45 28 Effect of Sidestream Smoke (Passive Smoke) on Cell Viability and Interferon Production

G. Sonnenfeld, D. M. Wilson
School of Medicine, University of Louisville, U.S.A.

11:00 29 Variation of Nicotine Concentration in Daily Environment

S. Kira*, T. Arai**, J. Fukui***, M. Aiba***, A. Iwase***, Y. Doi***
*Juntendo University, School of Medicine, Japan
**Kokusai Denshin Denwa Co., Ltd., Japan
***Jichi Medical School, Japan

Session 9 Epidemiology of Passive Smoking (1)

11:15–12:00 Chairpersons: J. W. Melia
United Medical and Dental Schools of Guy's and St. Thomas's Hospitals, U.K.
S. Kikuchi
Nippon Medical School, Dai-ni Hospital, Japan

11:15 30 Harvard's Indoor Air Quality Respiratory Health Study

J. D. Spengler, D. W. Dockery, J. F. McCarthy, F. E. Speizer, B. G. Ferris, J. H. Ware
School of Public Health, Harvard University, U.S.A.

11:30 31 Chest Diseases of Elderly Women due to Domestic Cooking and Passive Smoking. The Cracow Study.

W. Jedrychowski, B. Tobiasz-Adamczyk, E. Mróz, J. Cecek
Institute of Social Medicine, Medical School in Cracow, Poland

11:45 32 Model Specification Effects in ETS/Nutrition Epidemiology

S. J. Kilpatrick, Jr.
Medical College of Virginia, Virginia Commonwealth University, U.S.A.

Session 10 Epidemiology of Passive Smoking (2)

13:00–14:15 Chairpersons: G. Lehnert
The University of Hamburg, F.R.G.
C. Hayashi
The University of the Air, Japan

13:00 33 Effect of Paternal Smoking on Fetuses

S. Kikuchi
Nippon Medical School, Dai-ni Hospital, Japan

13:15 34 Passive Smoking as a Low Level Carcinogen: Epidemiologic Risk Assessment

D. B. Trichopoulos
University of Athens Medical School, Greece

13:30 35 Health Risks of Passive Smoking: Lung Cancer

S. D. Stellman, L. Garfinkel
American Cancer Society, U.S.A.

13:45 36 "ETS: Lifetime Evaluations of Dose and Lung Cancer Risk among Never-Smoked Chinese Females in Hong Kong."

L. C. Koo, J. H-C. Ho
University of Hong Kong, Hong Kong

14:00 37 Passive Smoking and Lung Cancer
—A Review of Epidemiological Studies—

T. Hirayama
Institute of Preventive Oncology, Japan

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Session 11 Epidemiology of Passive Smoking (3)

14:15–15:15 Chairpersons: T. Hirayama
Institute of Preventive Oncology, Japan
D. B. Trichopoulos
University of Athens Medical School, Greece

14:15 38 Air Pollution and Lung Cancer
G. X. Dong, W. Q. Yao, Z. Y. Xu
Liaoning Provincial Tumour Hospital & Institute, China

14:30 39 Meta-Analysis on Passive Smoking and Lung Cancer
H. Letzel, K. K. Überla
Stattcon Gesellschaft fuer medizinische Forschungsberatung mbH, F.R.G.

14:45 40 Epidemiological Issues on Involuntary Smoking and Lung Cancer, and Suggestions for Future Studies
T. Namekata*, Y. Shimizu**
**Battelle Memorial Institute Human Affairs Research Centers, U.S.A.*
***Saitama Medical School, Japan*

15:00 41 Passive Smoking and Lung Cancer: A Reanalysis of Hirayamas Data.
K. K. Überla*, W. Ahlborn**
**Institut für Med. Informationsverarbeitung, Statistik und Biomathematik der Universität München, F.R.G.*
***Institut für Statistik und Ökonometrie der Universität Göttingen, F.R.G.*

Session 12 Panel Discussion
Epidemiology of Passive Smoking

15:30–18:00 Chairpersons: K. Maeda
School of Health Sciences, University of Tokyo, Japan
T. Namekata
Battelle Memorial Institute Human Affairs Research Centers, U.S.A.

Panelists: S. Fukuma
Chiba Cancer Center, Japan
T. Hirayama
Institute of Preventive Oncology, Japan
B. S. Hulka
University of North Carolina, U.S.A.
H. Kasuga
Tokai University, Japan
P. N. Lee
P. N. Lee Statistics and Computing Ltd., U.K.
G. Lehnert
University of Hamburg, F.R.G.
N. Mantel
American University, U.S.A.
J. M. Stellman
Columbia University School of Public Health, U.S.A.
T. D. Sterling
Simon Fraser University, Canada
K.K. Überla
University of Munich, F.R.G.
E.L. Wynder
American Health Foundation, U.S.A.

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Session 13 Evening Session

Reassessment of Passive Smoking as Lung Cancer Risk

19:30–21:30

Chairpersons:
K. Aoki
Nagoya University, Japan
T. Namekata
Battelle Memorial Institute Human Affairs Research Centers, U.S.A.

Panelists:
S. Fukuma
Chiba Cancer Center, Japan
T. Hirayama
Institute of Preventive Oncology, Japan
B. S. Hulka
University of North Carolina, U.S.A.
H. Kasuga
Tokai University, Japan
P. N. Lee
P. N. Lee Statistics and Computing Ltd., U.K.
G. Lehnert
University of Hamburg, F.R.G.
N. Mantel
American University, U.S.A.
J. M. Stellman
Columbia University School of Public Health, U.S.A.
T. D. Sterling
Simon Fraser University, Canada
K.K. Uberla
University of Munich, F.R.G.
E.L. Wynder
American Health Foundation, U.S.A.

Session 14 Indoor Air Pollution (1)

8:30–9:30

Chairpersons: J. D. Spengler
School of Public Health, Harvard University, U.S.A.
H. Mizunuma
Smoking Research Foundation, Japan

8:30 42 Comparison of Indoor Air Pollution among Japan, U.S.A. and Korea

Y. Yanagisawa
School of Public Health, Harvard University, U.S.A.

8:45 43 The Relationship between Respiratory Illness, and Gas Cookers and Paraffin Heaters in the U.K.

R. J. W. Melia, R. J. Rona, S. Chinn
United Medical and Dental Schools of Guy's and St. Thomas's Hospitals, U.K.

9:00 44 Clinical Inhalation Studies with Nitrogen Dioxide (NO_2) in Humans with Respiratory Diseases

M. J. Utell, M. A. Bauer, M. W. Frampton, P. E. Morrow
University of Rochester Medical Center, U.S.A.

9:15 45 Indoor Nitrogen Dioxide Pollution in Japan

H. Nitta, S. Nakai, K. Maeda
School of Health Sciences, University of Tokyo, Japan

Session 15 Indoor Air Pollution (2)

9:30–10:30

Chairpersons: C. W. Cha
Korea University, College of Medicine, Korea
H. Nitta
School of Health Sciences, University of Tokyo, Japan

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9:30 46 Highly Sensitive Methods for the Evaluation of Carcinogens and Mutagens Indoors

H. Matsushita, K. Tanabe, S. Goto
The Institute of Public Health, Japan

9:45 47 Estimated Exposures and Risks of Indoor Air Pollutants

A. V. Nero, Jr. et al.
Laurence Berkeley Laboratory, University of California, U.S.A.

10:00 48 Indoor Air Pollution with Tobacco Smoke as Seen by Scientists in Governmental Administration.

C. Hugod
The Danish National Board of Health, Denmark

10:15 49 Source, Nature and Symptomology of Indoor Air Pollutants "Building Related Illnesses"

G. J. Robertson
ACVA Atlantic Inc., U.S.A.

Session 16 Indoor Air Pollution (3)

10:45–11:45 Chairpersons: K.R. Smith
Environment and Policy Institute, East-West Center, U.S.A.
T. Ishiguro
Shiga University of Medical Science, Japan

10:45 50 Health Aspects of Indoor Air Pollution by Organic Matter and Combustion Products

W. Stöber, G. Rosner
Fraunhofer-Institute of Toxicology and Aerosol Research, F.R.G.

11:00 51 Indoor Tuberculosis Infections in Small Offices of Downtown Tokyo

M. Minowa, T. Shimo, T. Oi, I. Shigematsu
The Institute of Public Health, Japan

11:15 52 Experimental Studies on the Odor of Cigarette Smoke

K. Nishida*, K. Sasaki*, M. Yamakawa**, Y. Kita**
**Laboratory for Control of Environmental Micropollutants, Kyoto University, Japan*
***Shiga University of Medical Science, Japan*

11:30 53 Lung Cancer and Indoor Air Pollution in Xuan Wei, China

X. Z. He, S. R. Cao, J. L. Mumford, R. S. Chapman
Institute of Environmental Health & Engineering Chinese Academy of Preventive Medicine, China

Session 17 Indoor Air Pollution (4)

11:45–12:45 Chairpersons: H. Emi
Kanazawa University, Japan
H. W. Zhao
The People's Hospital of Yunnan Province, China

11:45 54 Indoor Air Pollution Exposures in Seoul Residences

Y. S. Kim
Hanyang University, College of Medicine, Korea

12:00 55 Characteristics of Indoor Pollution in Korea

C. W. Cha*, S. H. Cho**,
**Korea University, College of Medicine, Korea*
***Seoul National University, College of Medicine, Korea*

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12:15 56 Indoor Air Quality and the Pollution Transition: Status Report from the Developing Countries

K. R. Smith
Environment and Policy Institute, East-West Center, U.S.A.

12:30 57 Domestic Smoke Pollution as a Risk Factor of Acute Respiratory Infection and its Control by Smokeless Stoves in Nepal

M. R. Pandey, R. P. Neupane, A. Gautam
Mrigendra Medical Trust, Nepal

Session 18 **Panel Discussion**

ETS Measurements,
Biological Effects of ETS, Indoor Air Pollution

13:45–15:45

Chairpersons:
Y. Tsunetoshi
Miyazaki Medical College, Japan
Y. Yanagisawa
School of Public Health, Harvard University, U.S.A

Panelists:
D. M. Aviado
Atmospheric Health Sciences, Inc., U.S.A.
M. W. First
School of Public Health, Harvard University, U.S.A.
H. Kasuga
Tokai University, Japan
S. Kira
Juntendo University School of Medicine, Japan
M. D. Lebowitz
University of Arizona Medical Center, U.S.A.
G. Lehnert
University of Hamburg, F.R.G.

K. H. Norpoth
Essen University, F.R.G.
F. J. Roe
Consultant in Toxicology, Experimental Pathology and Cancer Research, U.K.
S. L. Schwartz
School of Medicine, Georgetown University, U.S.A.
J. D. Spengler
School of Public Health, Harvard University, U.S.A.

CLOSING REMARKS

15:45–16:00 Seigo Fukuma,
Vice-chairman of Organizing Committee

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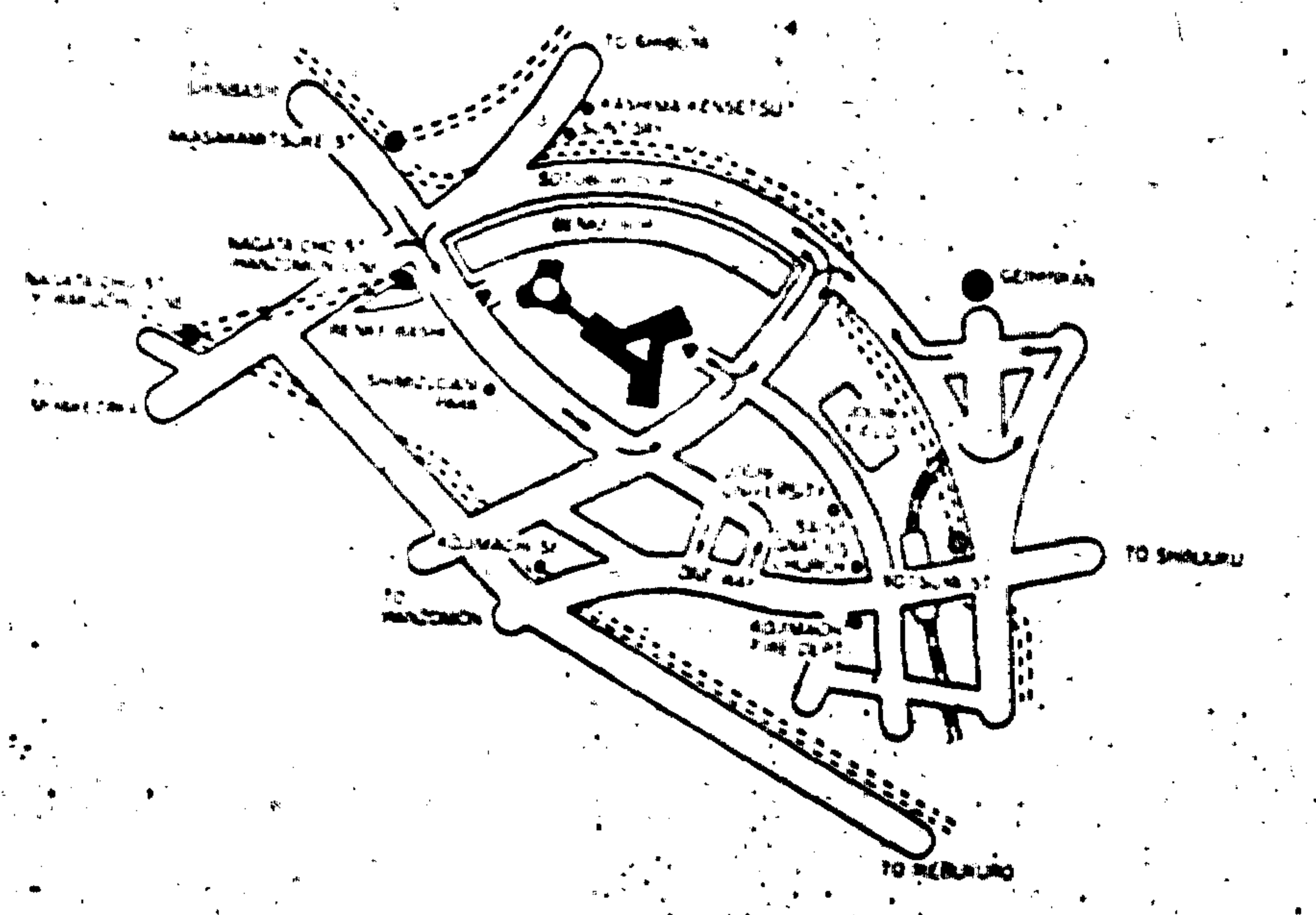

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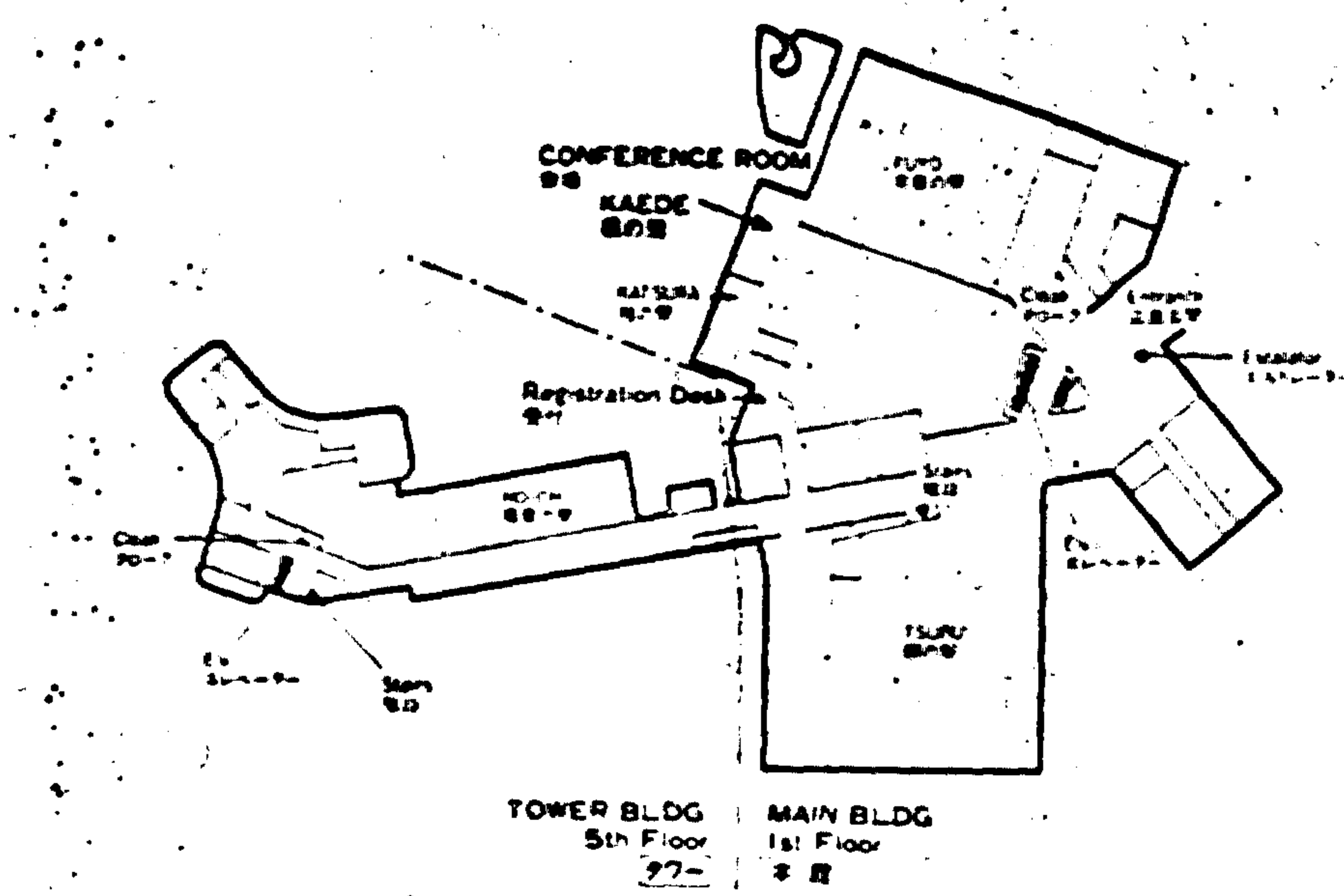

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